

From: [Storm, Linda](#)
To: [Callender, Alexander \(ECY\)](#); [Rehe, William](#); [Olivia H. Romano \(olivia.h.romano@usace.army.mil\)](#); [Cook, Cyrilla \(DNR\)](#); [Bill Sullivan](#); [Shandra Ohaleck - NOAA Affiliate](#); [Brenner, Shannon \(SBrenner@ci.tacoma.wa.us\)](#); [Kluge, Karla](#); [ssisson@co.pierce.wa.us](#); [OLMSTED, DONALD \(DNR\)](#); [Russ.Ladley@puyalluptribe.com](#)
Cc: [Thompson, Kate \(ECY\)](#); [Gail.M.Terzi@usace.army.mil](#); [Rettmann, Mark](#); [Pongkhamsing, Chan](#); [Thiesing, Mary](#)
Subject: RE: Port of Tacoma IRT Upper Clear Creek Update
Date: Friday, September 18, 2015 11:17:05 AM
Attachments: [image001.png](#)

Yes, I am also interested in an on-site visit to see the current site conditions as the EPA's Interagency Review Team member on this project site as a Mitigation Bank site. I am copying Chan Ponghamsing and Maryan Thiesing here as well as they are the EPA contacts who have been working on the enforcement aspect of this project. It might also benefit them to see the site.

Might I suggest, we the Co-Chairs approval, that a doodle poll be sent out to find a common time that works best for all? Also, if there is an as-built conditions report and monitoring report available forwarding those on for our review would also be very helpful.

Sincerely,
Linda Storm



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From: Callender, Alexander (ECY) [<mailto:acal461@ECY.WA.GOV>]
Sent: Thursday, September 17, 2015 9:26 AM
To: Rehe, William; Olivia H. Romano (olivia.h.romano@usace.army.mil); Cook, Cyrilla (DNR); Bill Sullivan; Storm, Linda; Shandra Ohaleck - NOAA Affiliate; Brenner, Shannon (SBrenner@ci.tacoma.wa.us); Kluge, Karla; ssisson@co.pierce.wa.us; OLMSTED, DONALD (DNR); Russ.Ladley@puyalluptribe.com
Cc: Thompson, Kate (ECY); Gail.M.Terzi@usace.army.mil; Rettmann, Mark
Subject: RE: Port of Tacoma IRT Upper Clear Creek Update

I would be interested in seeing the site to view on site conditions.

Alex Callender
Wetland/Shoreland Specialist for Lewis, Thurston, and Pierce Counties

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From: Rehe, William [mailto:wrehe@portoftacoma.com]

Sent: Wednesday, September 16, 2015 4:18 PM

To: Olivia H. Romano (olivia.h.romano@usace.army.mil) <olivia.h.romano@usace.army.mil>; Cook, Cyrilla (DNR) <Cyrilla.Cook@dnr.wa.gov>; Callender, Alexander (ECY) <acal461@ECY.WA.GOV>; Bill Sullivan <bill.sullivan@puyalluptribe.com>; Storm, Linda (Storm.Linda@epa.gov) <Storm.Linda@epa.gov>; Shandra Ohaleck - NOAA Affiliate <shandra.ohaleck@noaa.gov>; Brenner, Shannon (SBrenner@ci.tacoma.wa.us) <SBrenner@ci.tacoma.wa.us>; Kluge, Karla <KKLUGE@ci.tacoma.wa.us>; ssisson@co.pierce.wa.us; OLMSTED, DONALD (DNR) <DONALD.OLMSTED@dnr.wa.gov>; Russ.Ladley@puyalluptribe.com

Cc: Thompson, Kate (ECY) <kath461@ecy.wa.gov>; Gail.M.Terzi@usace.army.mil; Rettmann, Mark <MRettmann@portoftacoma.com>

Subject: Port of Tacoma IRT Upper Clear Creek Update

All,

At Gail's request, I am forwarding an update on the Port's Upper Clear Creek Mitigation Site (UCCMS). The second year of construction at UCCMS has been under way since April. The new channels have been connected to the existing Clear Creek and the majority of the grading and large wood structure installations have been completed. All in-water work was completed by the end of Clear Creek's in-water work window (August 31). The remaining work will include finish grading in the upland/buffer area, installation of year 2 plants, and maintenance activities (weeding and replacement of year 1 plants that did not survive).

Since mid- to late-July we have noticed higher than normal water levels in Clear Creek, which have resulted in higher than anticipated water levels on UCCMS for this time of year. The site has been constructed to the design elevations and no design changes related to this condition have occurred at this point. The Port's design team has looked into potential reasons for the high water (i.e., downstream blockages in the culverts or the creek, excessive inputs upstream, higher than normal vegetation growth in the creek, etc.), but we have not found a definitive reason for the higher water elevations.

The Port's design team is currently evaluating the high water level condition and the current planting plan and may propose potential design or planting plan revisions or options to the permitting agencies, the IRT, and EPA within the next couple of weeks.

It has taken longer than expected to coordinate with the design team, contractor, and landscaping subcontractor. However, we will be proposing revisions to the planting plan and some plant substitutions in a memo. As the site is currently under construction, and the contractor needs to

finalize plant orders for planting that will begin in a few weeks.

Based on the actual/observed water levels on the site, we will be proposing revising the planting plan to allow for better survivability of the plants based on their water inundation tolerance. The amount of wetland will not change, but the types of wetland will change based on the actual water levels and the revised planting plan with more scrub-shrub wetland and less forest wetland types. For additional diversity, we will be proposing additional emergent floodplain area similar to areas that previously existed in small pockets on the site.

We will also be requesting plant substitutions for certain plant types that are not available from suppliers due to poor survivability/growth at the nurseries and in the same or a separate memo we will propose how plants installed last year that have failed will be replaced.

All of these proposed changes will be detailed in the memo that we anticipate sending out this week or next week. If requested, we can have a meeting or an on-site tour to discuss the proposed changes and to see the current progress. Please let us know if there is definite interest as we could get an early start on coordinating a day and time that works best for most people.



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